

Fig.1

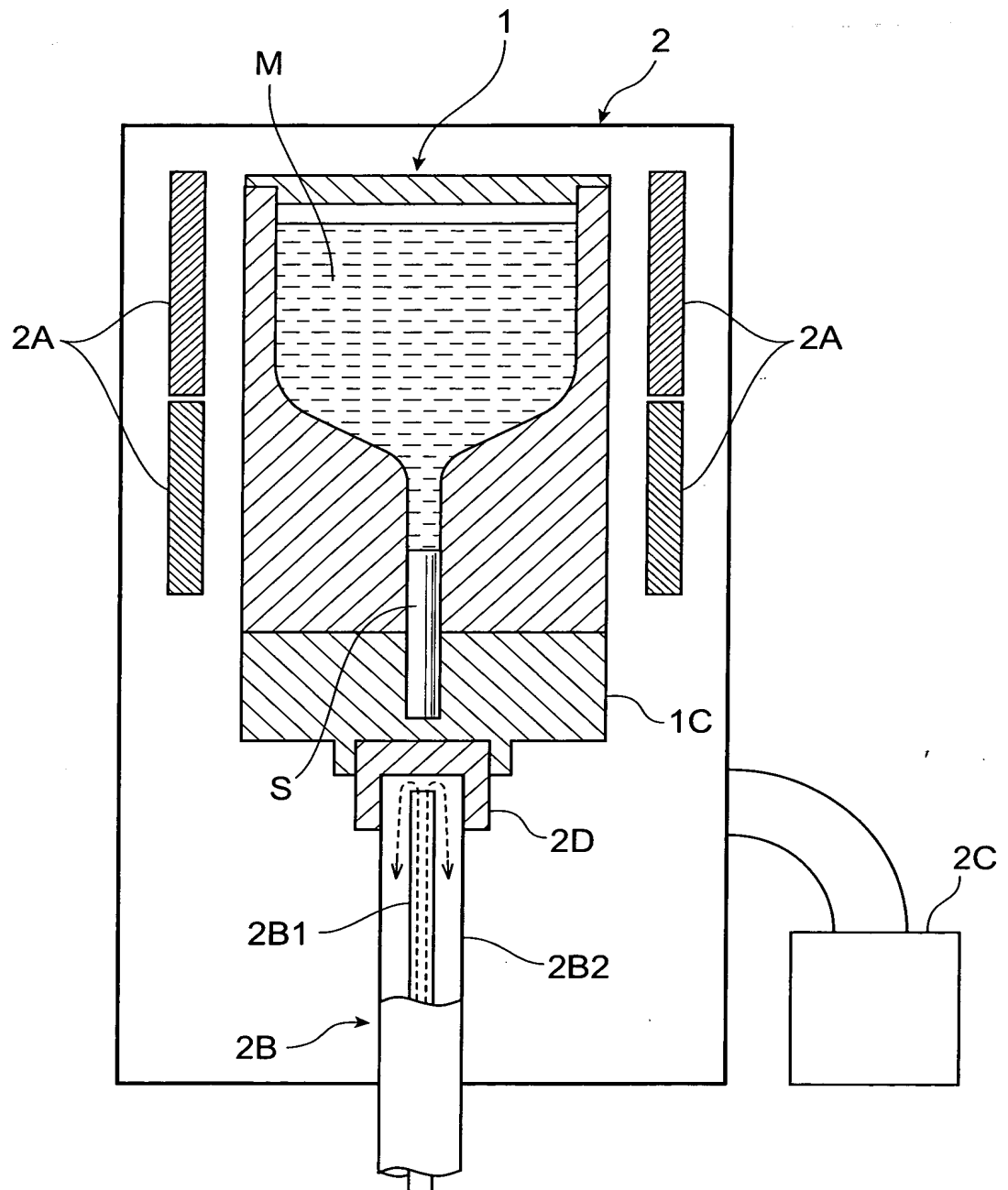


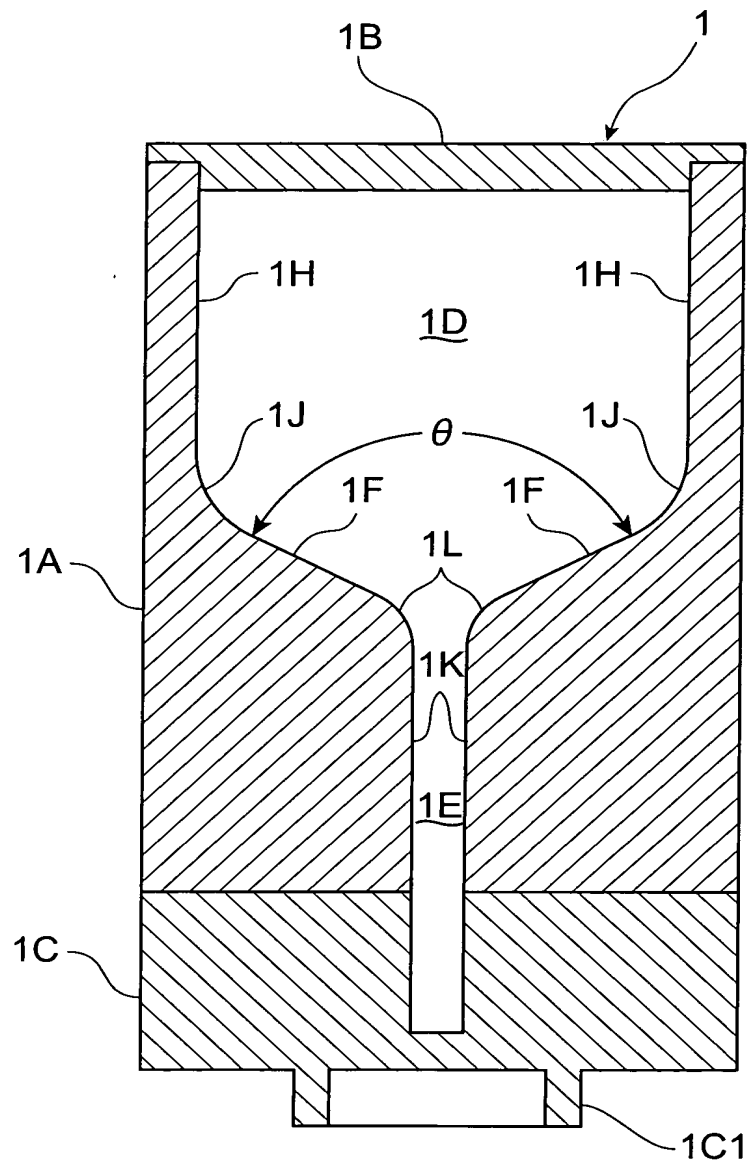
Fig.2

Fig.3

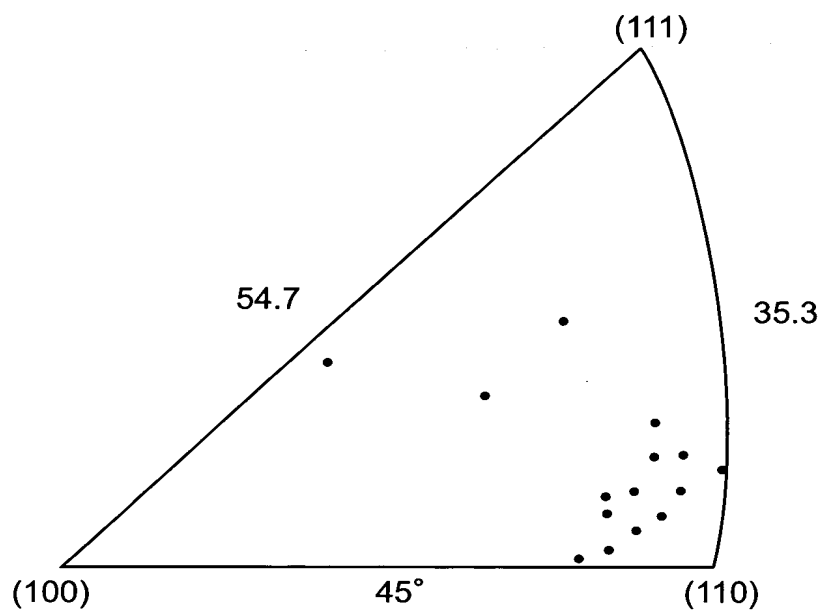


Fig.4

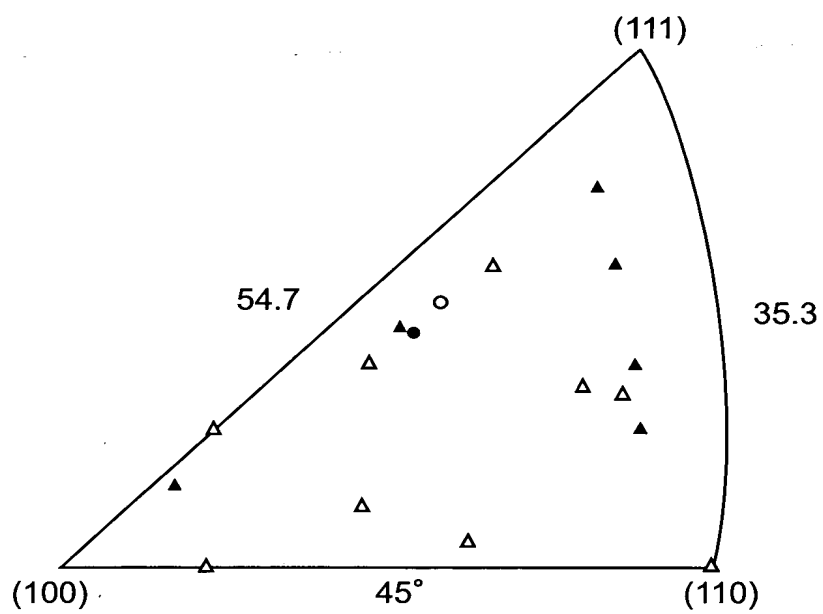


Fig.5

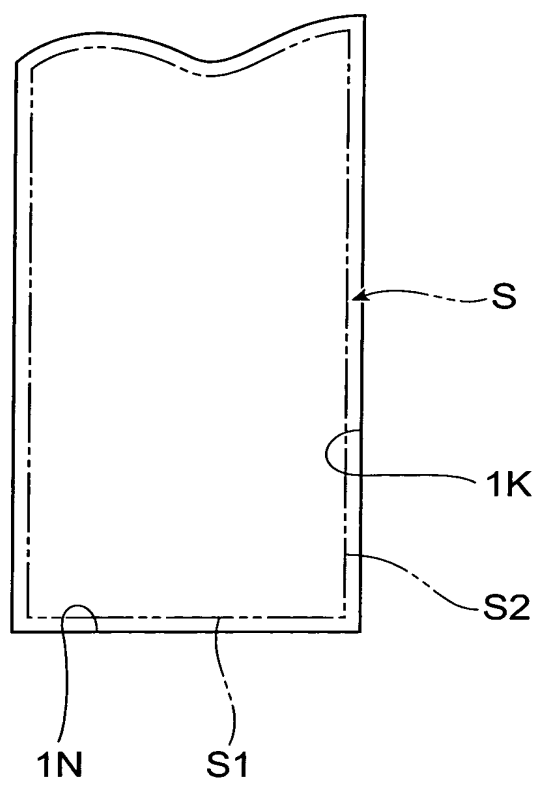


Fig.6

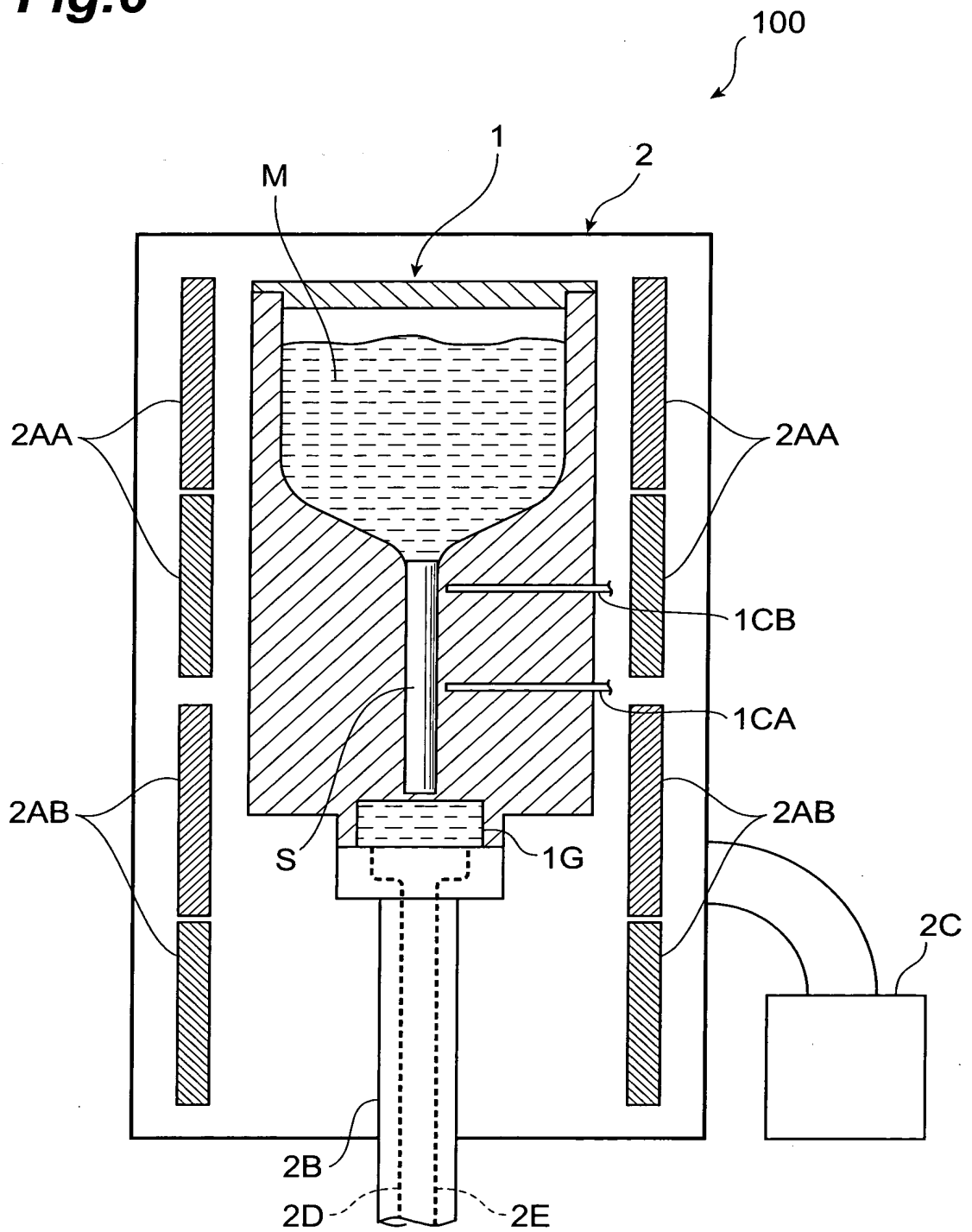


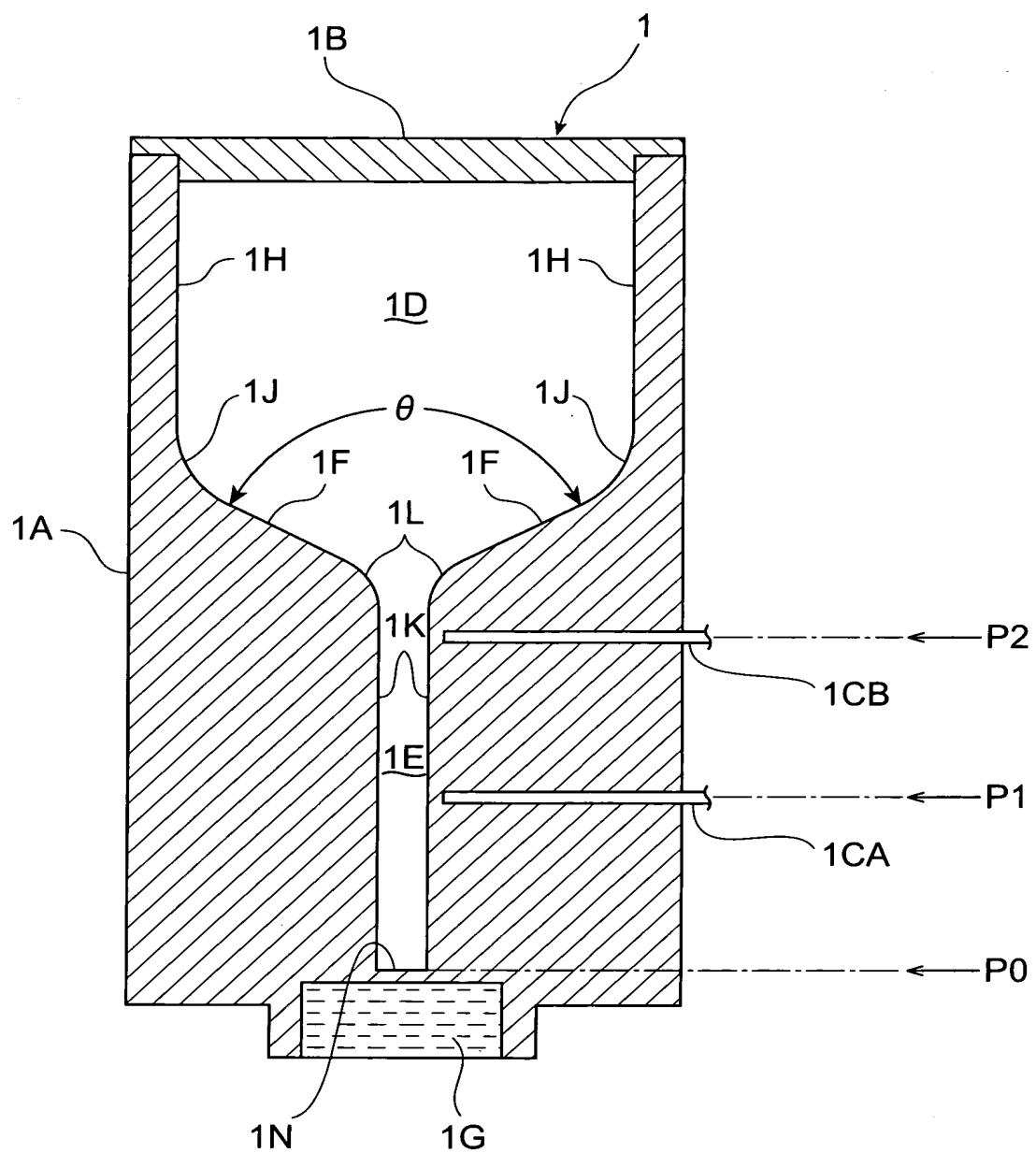
Fig.7

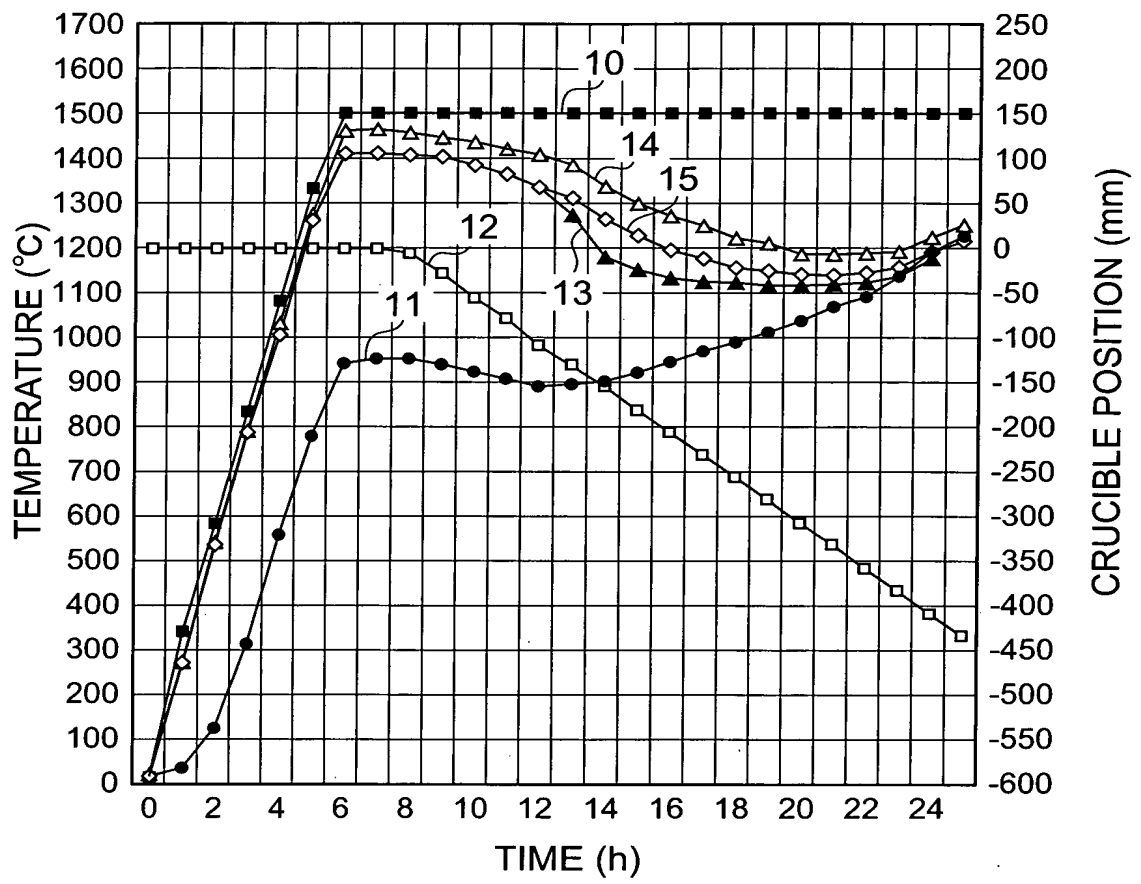
Fig.8

Fig.9

	BOUNDARY POSITION BETWEEN MELTED PORTION AND UNMELTED PORTION OF SEED CRYSTAL UPON TERMINATION OF HEATING [HEIGHT FROM BOTTOM OF SEED CRYSTAL CARRYING SECTION] (mm)	STATE OF FORMED CRYSTAL	NUMBER OF POORLY FORMED CRYSTALS (WITH LESS THAN 50 vol%)
EXP.EXAMPLE 13	50	SINGLE CRYSTAL	2/10
EXP.EXAMPLE 14	80	SINGLE CRYSTAL	5/10
EXP.EXAMPLE 15	70	SINGLE CRYSTAL	3/10
EXP.EXAMPLE 16	60	SINGLE CRYSTAL	3/10
EXP.EXAMPLE 17	40	SINGLE CRYSTAL	3/10
EXP.EXAMPLE 18	25	SINGLE CRYSTAL	5/10
EXP.EXAMPLE 19	85	POLYCRYSTAL	7/10
EXP.EXAMPLE 20	20	POLYCRYSTAL	8/10